

# D-Link Quick Installation Guide

This product works with the following operating system software: **Windows XP, Windows 2000, Windows Me, Windows 98se**



**DWL-AB650**  
D-Link AirPro Multimode  
Wireless Cardbus Adapter

## Before You Begin

You must have at least the following:

- A laptop computer with an available 32-bit Cardbus slot
- At least a 300 MHz processor and 32 MB of memory
- Cardbus Controller properly installed and working in the laptop computer
- An 802.11a or 802.11b Access Point (for Infrastructure Mode) or another 802.11a or 802.11b wireless adapter (for Ad-Hoc; Peer-to-Peer networking mode.)

## Check Your Package Contents

These are the items included with your DWL-AB650 purchase:



**DWL-AB650 Dual-Band Wireless Cardbus Adapter**



**CD-ROM (containing Drivers, Manual and Warranty)**

If any of the above items are missing, please contact your reseller.

**1**

## Insert the D-Link CD-ROM Into Your Computer

**Turn on the computer** and  
**Insert the D-Link AirPro DWL-AB650 Driver CD** in the CD-ROM drive.

The step-by-step instructions that follow are shown in **Windows XP**. The steps and screens are similar for the other Windows operating systems



**Do NOT install the DWL-AB650 Cardbus Adapter into your computer before installing the driver software on the D-Link CD!**

# 1

## Continued...

The Install Screen will appear.

**Click Install Driver/PC Utility**



If the CD Autorun function does not automatically start on your computer, type "D:\Setup.exe." If it does start, proceed to the next screen.

**Type "D:\Setup.exe."**

**The letter "D"** represents the letter of the CD-ROM drive. Your CD-ROM drive may be a different drive letter.

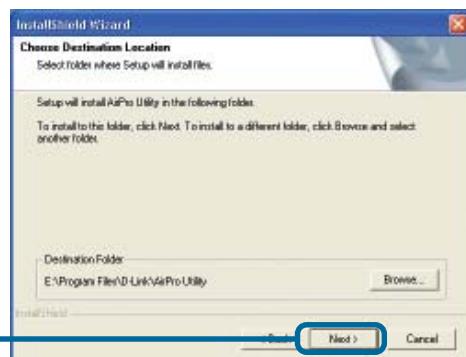
**Click OK**



**Click Next**

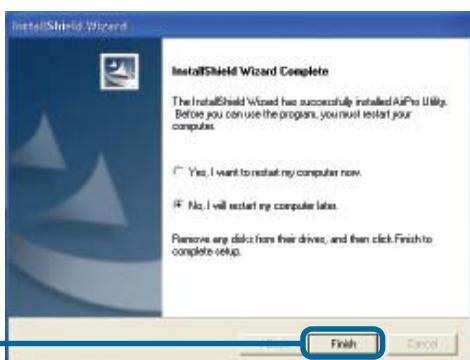


**Click Next**





Click Next



Click Finish

## Shut down your computer

### 32-bit connector

This is the connector that fits into the Cardbus slot of your laptop.

**Antenna**  
Used to wirelessly connect to 802.11a or 802.11b networks.



**Link/Activity LED**  
Indicates that the DWL-AB650 is properly installed when the computer is on and blinks when

2

## Installing the DWL-AB650 Multimode Wireless Cardbus Adapter in Your Computer

- A. Make sure to shut down the laptop computer.
- B. Locate the Cardbus slot on your laptop computer.



- C. Gently insert the DWL-AB650 into the Cardbus slot in your laptop computer (as shown).

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## Restart Your Computer

When you restart your computer this **Found New Hardware Wizard** (Windows XP) screen will appear:

Select **Install the software automatically (Recommended)**

**Click Next**



# 3

## Continued...



**⚠ For Windows 2000, this Digital Signature Not Found screen may appear after your computer restarts.**



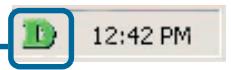
**⚠ At time of release, the D-Link driver software for this device was undergoing Windows Logo testing. Microsoft WHQL certification is pending. This product has already been tested to work properly in the designated Windows Operating Systems. You can ignore this message and click "Yes".**

# 4

## Your Installation is Complete!

After you've continued in Windows XP (or after the computer restarts in the other Windows operating systems), the D-Link AirPro DWL-AB650 **Configuration Utility** will automatically start and the utility icon will appear in the bottom right hand corner of the desktop screen (systray).

Double-click the **utility icon** to use the configuration utility.

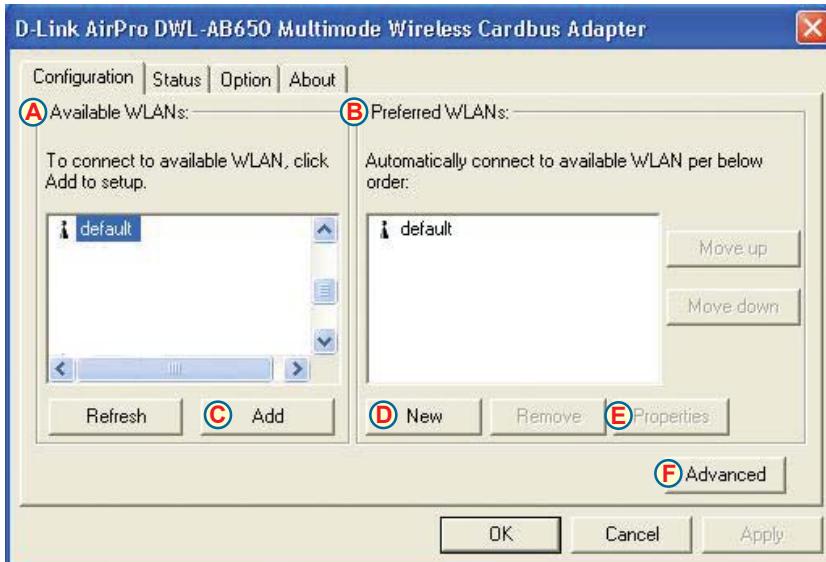


## Appendix Using the Configuration Utility

A. Available WLAN's: is a list of all available wireless 802.11a and 802.11b networks.

B. Preferred WLAN's: is a list of all wireless 802.11a and 802.11b networks that you have connected to or are currently connected to.

C. Add : If an Access Point is not listed, click the add button to add it.



D. New : Allows you to add a Preferred WLAN manually.

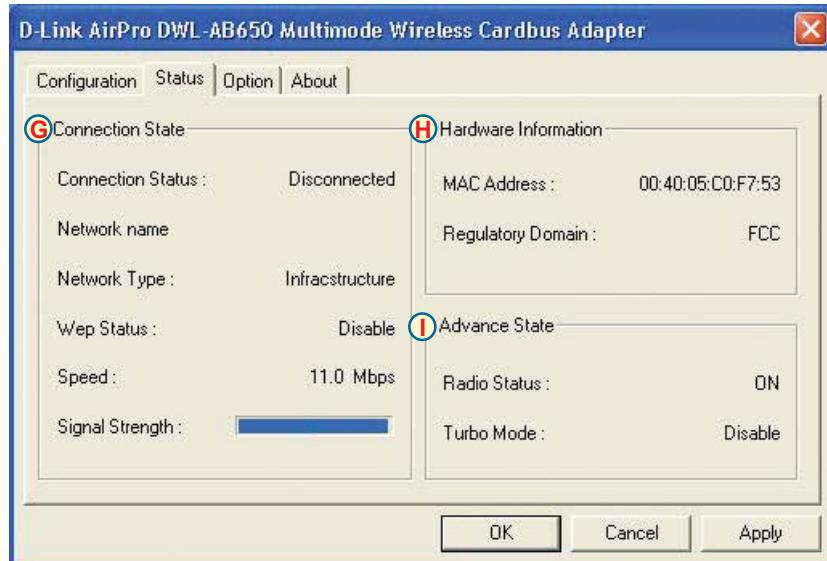
E. Properties : Allows you to change IP Address and Encryption settings for highlighted Preferred WLANs.

F. Advanced : Allows you to change the connection type from Infrastructure to Adhoc.

# Appendix

## Using the Configuration Utility

G. Connection State : Shows current settings and signal strength



H. Hardware Information: Shows MAC Address of your DWL-AB520.

I. Advance State : Shows current settings for Turbo Mode and Ratio State.

# IP Address Configuration

To connect to a network, **make sure the proper network settings are configured for DWL-AB650.**

## For Microsoft Windows XP:

Go to Start > right click on **My Network Places** > select Properties > Double-click on the **Network Connection** associated with the DWL-AB650.

**Click Internet Protocol (TCP/IP)**

**Click Properties**



## Dynamic IP address setup

Used when a **DHCP server** is available on the local network. (i.e. Router)

**Select Obtain an IP address automatically** (if the Wireless Router or Access Point has DHCP server enabled)

**Select Obtain DNS server address automatically**

**Click OK**



## Static IP address setup

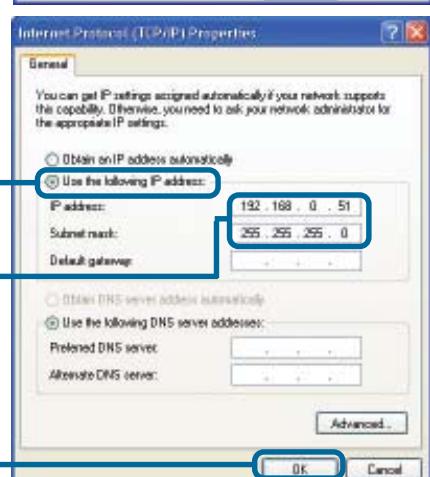
Used when a **DHCP server** is not available on the local network.

**Select Use the following IP address**

**IP address: 192.168.0.51  
Subnet mask: 255.255.255.0**

Input a static IP address in the same range as the Wireless Router or Access Point.

**Click OK**

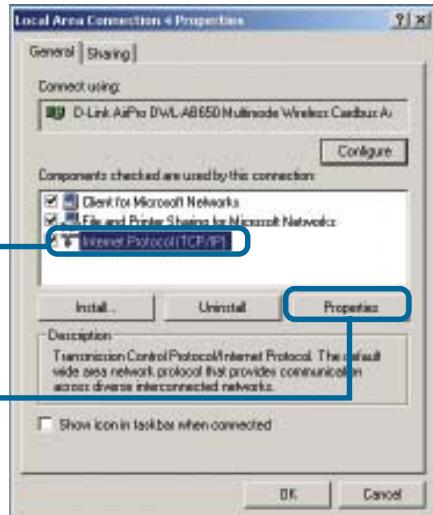


## For Windows 2000 users:

Go to **Start > Settings > Network and Dial-up Connections** > Double-click on the **Local Area Connection** associated with the DWL-AB650 > select **Properties**

**Click Internet Protocol (TCP/IP)**

**Click Properties**



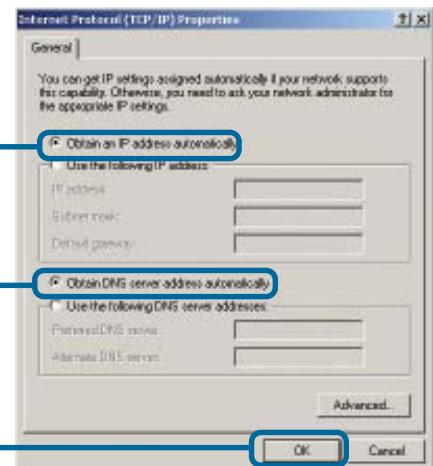
## Dynamic IP address setup

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**Select Obtain an IP address automatically** (if the Wireless Router or Access Point has DHCP server enabled)

**Select Obtain DNS server address automatically**

**Click OK**



## Static IP address setup

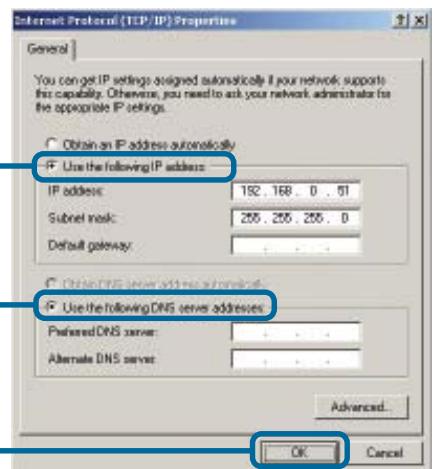
Used when a **DHCP server** is not available on the local network.

**Select Use the following IP address**

**IP address: 192.168.0.51  
Subnet mask: 255.255.255.0**

Input a static IP address in the same range as the Wireless Router or Access Point.

**Click OK**



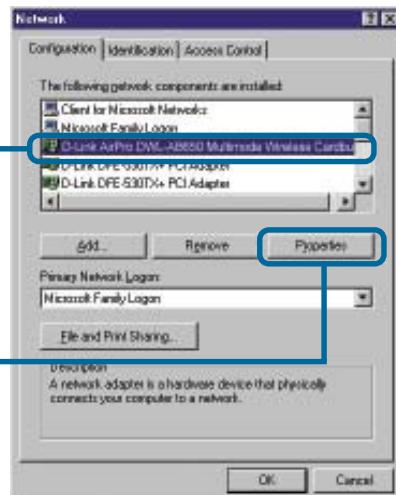
## For Windows Me and 98se users:

Click Internet Protocol (TCP/IP)

Go to Start > Settings > Control Panel > Double-click on the Local Area Connection associated with the DWL-AB650 > select Properties

Click Internet Protocol (TCP/IP)

Click Properties



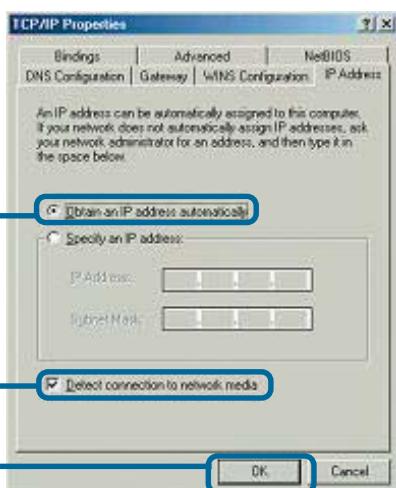
## Dynamic IP address setup

Used when a **DHCP server** is available on the local network. (i.e. Router)

Select Obtain an IP address automatically (if the Wireless Router or Access Point has DHCP server enabled)

Select Detect connection to network media

Click OK



## Static IP address setup

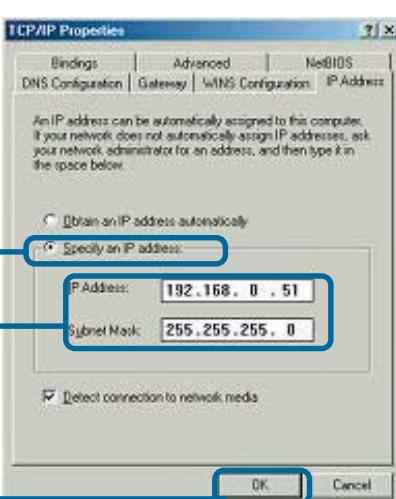
Used when a **DHCP server** is not available on the local network.

Select Use the following IP address

IP address: 192.168.0.51  
Subnet mask: 255.255.255.0

Input a static IP address in the same range as the Wireless Router or Access Point.

Click OK



# **Notes**

## **Technical Support**

You can find the most recent software and user documentation on the **D-Link** website.

**D-Link** provides free technical support for customers within the United States for the duration of the warranty period on this product.

U.S. customers can contact **D-Link** technical support through our web site or by phone.

**D-Link Technical Support over the Telephone:**

(877) 453-5465

24 hours a day, seven days a week

**D-Link Technical Support over the Internet:**

<http://support.dlink.com>

email: [support@dlink.com](mailto:support@dlink.com)

